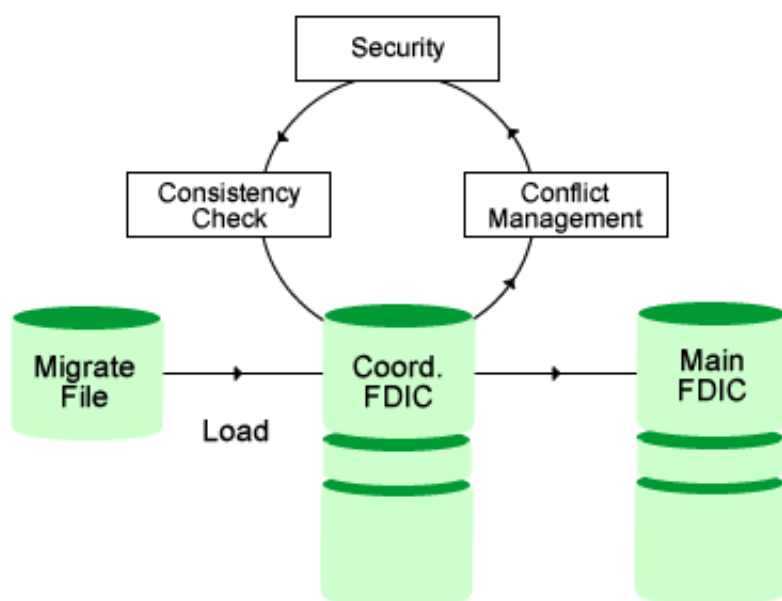# Load

This function loads Migrate data from the Coordinator FDIC. The following types of data can be loaded:

- Predict objects
- XRef data
- Metadata
- Retrieval models

Data to be loaded must pass through all three phases of the Coordinator Check Cycle. See the section Coordinator Check Cycle in this documentation.

This section covers the following topics:

- Calling the Function
- Load Options
- Loading Predict Objects
- Loading Metadata
- Loading Retrieval Models
- Loading Internal IDs

Calling the Function

The Load Migrate function is called with function code L from the Coordinator Menu or with a LOAD command depending on the object type.

The objects to be loaded must meet the following selection criteria before they can pass the Coordinator Check Cycle:

Data type	Type of data to be loaded:
	
	• **O**
	  Objects. See Loading Predict Objects.
	• **M**
	  Metadata. See Loading Metadata.
	• **R**
	  Retrieval models. See Loading Retrieval Models.
	• **I**
	  Internal IDs. See Loading Internal IDs.

Object type	Enter a predefined or user-defined object type or blank to load all object types.
from date	Only objects added/modified on or after this date will be loaded.

If an Object Type is specified as a selection criterion, you can specify the following additional criteria:

Object ID	Enter an internal object ID or use asterisk notation to limit the function to a range of objects.
Object of type	A subtype can be specified for some object types. For example, a Load function can be limited to databases of type Adabas.

Additional selection criteria are contained in the Load screen:

```
   13:03:47              *****  P R E D I C T  4.3.1  *****              2003-05-31
                          - Load All objects -


   Terminate, Help ..............

   Load options

      From date ................... 0000-00-00 00:00 (YYYY-MM-DD HH:II)
      Prefix .....................
      Suffix .....................
      With code ..................* Y
      With profile ................ N (Y/N)
      Load Adabas file attributes * A
      Replace ..................... N (Y/N)
      Create Report listing ....... Y (Y/N)
```

Load Options

From date

Data created/modified on or after this date will be loaded.

Prefix, Suffix

Up to 20 characters to be added as prefix/suffix to the object ID of each object loaded (if applicable).

The following rules apply when loading objects with prefix/suffix:

- When an object is loaded, all checks are performed against the **composite** ID.
  For example, if object TEST is loaded and parameters Prefix and Suffix are set to "OLD-" and "-32" respectively, checks are performed in the Main FDIC against an object OLD-TEST-32.
- The following objects do not obtain a prefix/suffix:

- ○ Objects of types Field and User
- ○ Owners
- ○ the following files:
  - SAG-ADA-CHECKPOINT
  - SAG-ADA-CONF
  - SAG-ADA-DIST
  - SAG-ADA-LOG
  - SAG-ADA-SECURITY
  - SAG-DISTINCT-TYPE
  - SAG-DT
- If a composite object ID (prefix + ID + suffix) exceeds 32 characters, the object is loaded without prefix/suffix and a message is written to the report listing.

Note:
Checks against rules defined for the object type in Metadata Administration (length, illegal characters) are performed in the Consistency Check phase of the Coordinator Check Cycle.

- Child objects always obtain a prefix/suffix.
  Exceptions to this rule are listed above.
- A new internal ID is assigned if objects are loaded with prefix/suffix.

With Code

Only applicable for object type File or All and the following Predict-owned external objects connected to Predict file objects:

- DDMs
- Copy code members
- Card formats such as ADAWAN, ADACMP.

If this parameter is set to Y, the connected external objects will be loaded together with the file object.

With Profile

Applies to user objects. If this parameter is set to Y, Predict and LIST XREF profiles are also loaded.

Load Adabas file attributes

Only applicable for object type File or All. The following data will be loaded additionally:

N
Neither physical Adabas attributes nor Vista information.

A
Physical Adabas attributes.

S
Physical Adabas attributes and Vista information.

Replace

The system behavior depends on whether the objects in the Migrate file have an internal ID or not.

Note:
For functions Load and Test, this parameter is also handled like a selection criterion.
If this parameter is set to N and an object with the same internal ID or object ID exists in the target environment, the object is rejected and the transfer operation continues.

Two factors determine whether an object is replaced during a load operation:

- the load parameter Replace and
- whether the object has an internal ID.

Replacing Objects with Internal ID

This is the default for data unloaded from a 3.4, 4.1 , 4.2 or 4.3 environment (the Unload parameter with internal ID is set to Y as standard).

- If Replace is set to Y, an existing Predict object with the same **internal** ID is replaced during load - even if the object ID is different.
- If Replace is set to N, an object with the same **internal** ID in the target environment is not overwritten. This is the default value.

Replacing Objects without Internal ID

Objects without an internal ID can occur in the following instances:

- data was exported/unloaded from a 3.4 or above environment with parameter With internal ID set to N.

Create Report Listing

If this parameter is set to Y (default), a report listing of type LOA is created on the Coordinator FDIC. It is moved to the Main FDIC together with the data to be loaded.

Loading Predict Objects

With Load commands you can load objects of different types selectively. The command used depends on the object type.

An overview of the keywords is given in the section Overview of Command Keywords.

Loading All Object Types

Enter command

LOAD OBJECTTYPE ALL <parameters>

Loads Predict objects from transfer medium.

Keyword	Field	Position
FROM-DATE	From date	1
PREFIX	Prefix	2
SUFFIX	Suffix	3
CODE	With code/profile	4
PROFILE	With profile	5
ADA	Load Adabas file attributes	6
REPLACE	Replace	7
CREATE-RT	Create report listing	8

Loading Databases, Dataspaces, Packagelists, Relationships, Programs, Systems

Enter command

LOAD OBJECTTYPE <object type> <parameters>

Keyword	Field	Position
ID	Object ID	1
TYPE	Object of type	2
FROM-DATE	From date	3
PREFIX	Prefix	4
SUFFIX	Suffix	5
REPLACE	Replace	6
CREATE-RT	Create report listing	7

Loading Files

Enter command

LOAD OBJECTTYPE FI <parameters>

Keyword	Field	Position
ID	File ID	1
TYPE	File of type	2
FROM-DATE	From date	3
PREFIX	Prefix	4
SUFFIX	Suffix	5
CODE	With code	6
ADA	Load Adabas file attributes	7
REPLACE	Replace	8
CREATE-RT	Create report listing	9

Loading Interfaces, Keywords, Methods, Networks, Properties, Storagespaces, Triggers, Virtual Machines and User-Defined Object Types

Enter command

LOAD OBJECTTYPE <object type> <parameters>

Keyword	Field	Position
ID	Object ID	1
FROM-DATE	From date	2
PREFIX	Prefix	3
SUFFIX	Suffix	4
REPLACE	Replace	5
CREATE-RT	Create report listing	6

Loading Users

Enter command

LOAD OBJECTTYPE US <parameters>

Keyword	Field	Position
ID	User ID	1
FROM-DATE	From date	2
PREFIX	Prefix	3
SUFFIX	Suffix	4
PROFILE	With profile	5
REPLACE	Replace	6
CREATE-RT	Create report listing	7

Loading Verifications

Enter command

LOAD OBJECTTYPE VE <parameters>

Keyword	Field	Position
ID	Verification ID	1
STATUS	Verification of status	2
FROM-DATE	From date	3
PREFIX	Prefix	4
SUFFIX	Suffix	5
CODE	With code	6
REPLACE	Replace	7
CREATE-RT	Create report listing	8

Loading XRef Data

Enter command

LOAD OBJECTTYPE XR <parameters>

Keyword	Field	Position
MEM	Member	1
LIB	Library	2
FNR	User system Fnr	3
DBNR	User system DBnr	4
FROM-DATE	From catalog date	5
REPLACE	Replace	6
CREATE-RT	Create report listing	7

Loading Metadata

Loads metadata from a Migrate file.

- To load metadata of a **specific type**, enter command

  LOAD METADATA <object type><parameters>

  where <object type> is any Predict object type (predefined or user-defined). See Unloading Objects with Commands.

- To load metadata of **all object types**, enter command

  LOAD METADATA ALL<parameters>

Keyword	Field	Position
FROM-DATE	From date	1
REPLACE	Replace	2
CREATE-RT	Create report listing	3

Loading Retrieval Models

Loads retrieval models from a Migrate file.

- To load retrieval models of a **specific type**, enter command

  LOAD RETRIEVALMODEL <object type><parameters>

  where <object type> is any Predict object type (predefined or user-defined). See Unloading Objects with Commands.

Keyword	Field	Position
ID	Retrieval model	1
FROM-DATE	From date	2
REPLACE	Replace	3
CREATE-RT	Create Report Listing	4

- To load retrieval models of **all object types**, enter command

  LOAD RETRIEVALMODEL ALL<parameters>

Keyword	Field	Position
FROM-DATE	From date	1
REPLACE	Replace	2
CREATE-RT	Create Report Listing	3

A retrieval model can be loaded only if the parent object, all child objects and links to these objects exist.

Loading Internal IDs

This function is used to consolidate Internal IDs if you have your Predict data in separate FDIC files (see Consolidating Internal IDs in Batch Mode). Before you execute this load function, you must first unload objects with their Internal IDs.

Note:
It is not possible to load selectively: all objects on the transfer medium are loaded with their Internal IDs.

Calling the Function

Enter function code L and data type L in the Coordinator main menu. In batch mode, the function is called with the following command in library SYSDICBE:

LOAD INTERNAL-ID ALL UPDATE=Y

```
   13:57:04              *****  P R E D I C T  4.3.1  *****           2003-05-31
                               - Load Internal ID -


     Terminate, Help ..............

     Load options
       With update ................ N (Y/N)
       Create Report listing ....... Y (N/Y)
```

Parameters	
Load options	
With update	● **Y** All objects on transfer medium are loaded together with their Internal IDs. ● **N** Objects that would be transferred are listed.
Create Report listing	● **Y** A report listing of type LOA is created. Default.